



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/065,307
Applicant : Marten Jan DeVlieger
Filed : October 2, 2002
Title : CHEST VIBRATING DEVICE
Confirmation No. : 7685
TC/A.U. : 3764
Examiner : Thanh, Quang D.
Docket No. : 39-05
Customer No. : 23713

CERTIFICATE OF MAILING
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July 2, 2007
Date
Laura L. McGee

SECOND REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.323

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Certificate
JUL 10 2007
of Correction

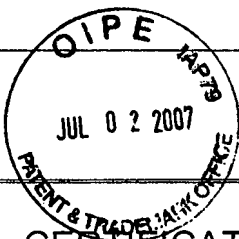
Sir:

In response to the Response to Request for Certificate of Correction mailed by the United States Patent and Trademark Office on March 16, 2006, Applicant respectfully requests correction of certain errors in the above-referenced patent.

On the first page, please rewrite Marten Jon DeVlieger as Marten Jan DeVlieger. This corrects an inadvertent typographical error in the record.

Applicant maintains that the Patent Office has printed the above-referenced patent with an incorrect set of claims.

Together with the Request for Continued Examination filed April 25, 2005, Applicant submitted an Amendment by Express Mail. A copy of this submission is attached hereto, together with a copy of the return receipt postcard and the Express Mail receipt. The return receipt postcard has been stamped by the United States



CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No. 39-05

Applicant : Marten Jan DeVlieger
Filed : October 2, 2002
Title : CHEST VIBRATING DEVICE
Confirmation No. : 7685
TC/A.U. : 3764
Examiner : Thanh, Quang D.
Customer No. : 23713

I hereby certify that the following correspondence, along with any other document referred to as being attached or enclosed:

1. **Second Request for Certificate of Correction Under 37 C.F.R. 1.322 (20 pages)**
2. **Form PTO 1050 Certificate of Correction (5 pages)**
3. **Certificate of Mailing – (1 page)**
4. **Return Postcard**

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On July 2, 2007

Laura L. McGee

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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Patent and Trademark Office with no indication that any listed document was not received. Moreover, the Notice of Allowability indicates that claims 2-27 are allowed. Note that the patent has inconsistently issued with only 19 claims. The undersigned could not have possibly known in the telephone interview with the Examiner that the Amendment had not been properly entered as the Examiner's amendments were clearly directly to claims 2-27. Accordingly, Applicants maintain that the Amendment was properly filed and should have been properly entered.

Applicants parenthetically note that the Information Disclosure Statement filed on that same date appears to have been taken into account; those references are listed on the cover page of the patent.

There is no reason to doubt that the Examiner considered the amended claims submitted on April 25, 2005 and that the Examiner's amendments were made to those claims. In view of the foregoing, Applicants request the issuance of a Certificate of Correction to rectify the error in the issued claims.

Applicants have below listed the claims (2-27), with the Examiner's amendments incorporated, and in what is believed to be the most sensible order.

1. A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:

a frame to fit around an upper body of the user, the frame comprising:

a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;

a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;

a cross-member connecting said left and right arms together at said front halves;

shoulder pads extending from said frame to rest said frame on the shoulders of the user;

one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;

at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and

a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.

2. The chest vibrating device of claim 1, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.

3. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.

4. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.

5. The chest vibrating device of claim 4, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.

6. The chest vibrating device of claim 5, wherein the at least one back pad is sized to be positioned over the upper and lower lobes of the lungs.
7. The chest vibrating device of claim 6, wherein the vibrating unit is attached to said rear halves of said left and right arms.
8. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms.
9. The chest vibrating device of claim 7, wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
10. The chest vibrating device of claim 9, wherein said vibrating unit further comprises housing rails;
wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and
wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.
11. The chest vibrating device of claim 7, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
12. The chest vibrating device of claim 11, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
13. The chest vibrating device of claim 7, wherein said one or more chest pads is one piece and configured to fit a male user.

14. The chest vibrating device of claim 7, wherein said one or more chest pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.

15. The chest vibrating device of claim 7, wherein the at least one back pad comprises two back pads; and

wherein said back pads are attached to an inside of said rear halves of said left and right arms.

16. The chest vibrating device of claim 15, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.

17. The chest vibrating device of claim 8, further comprising:

at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

18. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms; and

wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.

19. The chest vibrating device of claim 18, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.

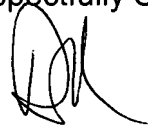
20. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.

21. The chest vibrating device of claim 18, wherein the at least one back pad comprises two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.
22. The chest vibrating device of claim 18, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
23. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor; wherein the at least one back pad comprises two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
24. The chest vibrating device of claim 8, further comprising;
at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.
25. The chest vibrating device of claim 8, further comprising:
a shoulder pad support extending toward the user from said left arm;
a shoulder pad support extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.
26. A method of loosening obstructions in the lungs or air way of a user, comprising:
providing the chest vibrating device of claim 1;
positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;
producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in the lungs or air way of the user.

In view of the error in the spelling of the inventor's name and the errors in printing the claims as allowed in the present patent, Applicant again respectfully requests that the Patent Office issue a Certificate of Correction or that the patent be reprinted to rectify the mistakes made by the Patent and Trademark Office in the handling of the application from which this patent matured. The instant patent issued with only 19 claims, further bolstering Applicant's position that the present patent was misprinted.

It is believed that a fee pf \$100 is due for the present request, and the Patent Office is authorized to charge this amount to Deposit Account No. 07-1969. If this is incorrect, however, please charge any fee due to Deposit Account No. 07-1969.

Respectfully Submitted,



Donna M. Ferber
Reg. No. 33,878

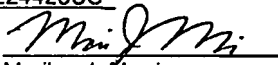
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July 2, 2007
Docket No. 39-05



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/065,307
Applicant: : DeVlieger et al.
Filed: : October 2, 2002
Group Art Unit : 3764
Examiner: : Quang D. Thanh
Docket No. : 39-05
Customer No. : 23713
For: Chest Vibrating Device

Confirmation No.: 7685

CERTIFICATE OF MAILING
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On April 25, 2005 
Marilyn J. Morris

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT ACCOMPANYING RCE

Sir:

Applicants respectfully request continued examination of the above referenced application and that entry of the following amendments be made. This Amendment is accompanied by an Information Disclosure Statement and a Request for Continued Examination (in lieu of Issue Fee payment).

Amendments to the Claims begin on page 2.

Remarks begin on page 7.

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. Canceled
2. (Currently amended) A The chest vibrating device comprising:
~~a frame to fit around an upper body of a user, the frame comprising:~~

~~a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;~~
~~a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;~~
~~a cross member connecting said left and right arms together at said front halves;~~
~~shoulder pads extending from said frame to rest said frame on the shoulders of the user;~~
~~a chest pad extending from a front inside of said frame towards a chest of the user, said chest pad attached to said front halves of said left and right arms to transfer the vibration;~~
~~at least one back pad extending from a rear inside of said frame towards a back of the user, said at least one back pad attached to said rear halves of said left and right arms to transfer the vibration; and~~
~~a of claim 26, wherein the vibrating unit is attached to said rear halves of said left and right arms which produces a vibration that travels from said vibrating unit, through said frame onto said chest pad and at least one back pad.~~
3. (Original) The chest vibrating device of claim 2, wherein a hinge connects said front and rear halves of each of said left and right arms.
4. (Original) The chest vibrating device of claim 2, wherein positioning of said left

and right arms is adjustable along said cross-member and said vibrating unit.

5. (Previously presented) The chest vibrating device of claim 4, wherein said vibrating unit further comprises housing rails;

wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and

wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.

6. (Currently amended) The chest vibrating device of claim 2, wherein said vibrating unit is comprises a housing and a vibrator mounted inside said housing.

7. (Currently amended) The chest vibrating device of claim 6, wherein said vibrator is comprises a motor and an offset weight connected to and rotated by said motor.

8. (Currently amended) The chest vibrating device of claim 2, wherein said one or more chest pad pads is one piece and configured to fit a male user.

9. (Currently amended) The chest vibrating device of claim 2, wherein said one or more chest pad further pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.

10. (Previously presented) The chest vibrating device of claim 2, wherein there are two back pads; and

wherein said back pads are attached to an inside of said rear halves of said left and right arms.

11. (Original) The chest vibrating device of claim 10, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.

12. (Previously presented) The chest vibrating device of claim 3, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

13. (Original) The chest vibrating device of claim 2, wherein a hinge connects said front and rear halves of each of said left and right arms; and

wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.

14. (Currently amended) The chest vibrating device of claim 13, wherein said vibrating unit is comprises a housing and a vibrator mounted inside said housing.
15. (Currently amended) The chest vibrating device of claim 14, wherein said vibrator is comprises a motor and an offset weight connected to and rotated by said motor.
16. (Previously presented) The chest vibrating device of claim 13, further comprising:
two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.
17. (Previously presented) The chest vibrating device of claim 13, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
18. (Currently amended) The chest vibrating device of claim 14, wherein said vibrator is comprises a motor and an offset weight connected to and rotated by said motor; wherein there are two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further ~~comprises~~ comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
19. (Previously presented) The chest vibrating device of claim 3, further comprising:
at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.
20. (Currently amended) The chest vibrating device of claim 3, ~~wherein~~ further comprising:
a shoulder pad support ~~extends~~ extending toward the user from said left arm;
~~wherein~~ a shoulder pad support ~~extends~~ extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.
21. (New) A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:
a frame to fit around an upper body of the user, the frame comprising:
a left arm, said left arm being in a shape of a curve to fit around the upper

body of the user, said left arm having a front half of said curve and a rear half of said curve;

a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;

a cross-member connecting said left and right arms together at said front halves;

shoulder pads extending from said frame to rest said frame on the shoulders of the user;

one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;

at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and

a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.

22. (New) The chest vibrating device of claim 21, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.

23. (New) The chest vibrating device of claim 22, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.

24. (New) The chest vibrating device of claim 22, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.

25. (New) The chest vibrating device of claim 24, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.

26. (New) The chest vibrating device of claim 25, wherein the at least one back pad

is sized to be positioned over the upper and lower lobes of the lungs.

27. (New) A method of loosening obstructions in the lungs or air way of a user, comprising:

providing the chest vibrating device of claim 21;

positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;

producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in lungs or air way of the user.

REMARKS

With the entry of this Amendment, claims 2-27 are in this case. Claim 1 is cancelled without prejudice and new claims 21-27 have been presented. Claims 2, 6-9, 14-15, 18 and 20 are amended. The new claims and amendments find support in the as-filed claims, drawings and description. None of the amendments made herein constitute the addition of new matter.

The fee for 6 additional claims is included in the enclosed check in the amount of \$545 (small entity status) for both the RCE (\$395) and extra claims (\$150). It is believed that no additional fees are due; however, if this is incorrect, please charge any underpayment or credit any overpayment to Deposit Account 07-1969.

Respectfully submitted,



Donna M. Ferber
Reg. No. 33,878

GREENLEE, WINNER AND SULLIVAN, P.C.
4875 Pearl East Circle, Suite 200
Boulder, CO 80301
Telephone: (303) 499-8080; Facsimile: (303) 499-8089
Attorney Docket No. 39-05
Date: April 25, 2005



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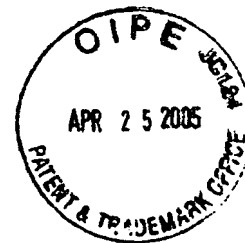
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PLEASE ACKNOWLEDGE RECEIPT OF:

In Re: Patent application of DeVlieger et al.
Serial No.: 10/065,307
Filed: October 2, 2002
For: Chest Vibrating Device



1. Revocation of Power of Attorney/New Power of Attorney (1 page)
2. Request for Continued Examination (1 page)
3. Amendment (7 pages)
4. Information Disclosure Statement (2 pages)
5. Form PTO/SB/08A (1 page)
6. Check in the amount of \$545

Attorney Docket No. 39-05
DMF:mm

ENT'D APR 29 2005

Mailed: April 25, 2005



SP

Notice of Allowability

Application No.

10/065,307

Examiner

Quang D. Thanh

Applicant(s)

DEVLIEGER, MARTEN JON

Art Unit

3764

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an RCE filed on 4/25/05 and a telephone interview on 5/13/05.
2. ☒ The allowed claim(s) is/are 2-27.
3. ☒ The drawings filed on 02 October 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/25/2005</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

Art Unit: 3764



DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/25/2005 has been entered.

2. This office action is responsive to the amendment filed on 4/25/2005. As directed by the amendment: claim 1 has been cancelled, claims 2,6-9,14-15,18, and 20 have been amended, and new claims 21-27 have been added. Thus, claims 2-27 are presently pending in this application.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Donna Ferber on 5/13/2005.

The application has been amended as follows:

In claim 10, p. 3, "there are" has been replaced with -- the at least one back pad comprises --.

Art Unit: 3764

In claim 16, p. 4, "further comprising" has been replaced with -- wherein the at least one back pad comprises --.

In claim 18, p. 4, line 3, "there are" has been replaced with -- the at least one back pad comprises --.

In claim 27, p. 6, last line, "in lungs" has been replaced with -- in the lungs --

The following is an examiner's statement of reasons for allowance: while the prior closest art of record Breeding (5,716,131) may teach a chest vibrating device comprising: a frame to fit around an upper body of a user; shoulder pads extending from the frame to rest the frame on of the user's shoulders, a chest pad extending from a front inside of the frame towards of the user's chest; at least one back pad extending from a rear inside of the frame towards a back of the user; a vibrating unit attached to the frame which produces a vibration that travels from the vibrating unit through the frame onto the chest pad; and at least one back pad, the reference fails to teach or render obvious a chest vibrating device in combination with all the elements as substantially claimed and does not disclose the frame further including a left arm and a right arm having a curve to fit around the upper body of the user, each arm having a front half and a rear half of the curve, a cross-member connecting the left and right arms together at the front halves, wherein the chest pad is attached to the front halves of the left and right arms to transfer the vibration, the at least one back pad is attached to the rear halves of the left and right arms to transfer the vibration, and the vibrating unit is attached to the left and right arms.

Art Unit: 3764

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang D. Thanh whose telephone number is (571) 272-4982. The examiner can normally be reached on Monday-Thursday & alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Huson can be reached on (571) 272-4887. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 for both regular and After-Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quang D. Thanh
Patent Examiner
Art Unit 3764
(571) 272-4982
May 13, 2005

QT


Danton D. DeMille
Primary Examiner

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 5

PATENT NO. : 6,958,047
APPLICATION NO.: 10/065,307
ISSUE DATE : October 25, 2005
INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the first page, Marten Jon DeVlieger is re-written as Marten Jan DeVlieger.

The claims are hereby corrected to read as follows:

1. A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:
 - a frame to fit around an upper body of the user, the frame comprising:
 - a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;
 - a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;
 - a cross-member connecting said left and right arms together at said front halves;
 - shoulder pads extending from said frame to rest said frame on the shoulders of the user;
 - one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;
 - at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and

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Greenlee, Winner and Sullivan, P.C.
4875 Pearl East Circle, Suite 200
Boulder, CO 80301

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 2 of 5

PATENT NO. : 6,958,047
APPLICATION NO.: 10/065,307
ISSUE DATE : October 25, 2005
INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.

2. The chest vibrating device of claim 1, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.

3. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.

4. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.

5. The chest vibrating device of claim 4, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.

6. The chest vibrating device of claim 5, wherein the at least one back pad is sized to be positioned over the upper and lower lobes of the lungs.

7. The chest vibrating device of claim 6, wherein the vibrating unit is attached to said rear halves of said left and right arms.

8. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms.

9. The chest vibrating device of claim 7, wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 3 of 5

PATENT NO. : 6,958,047
APPLICATION NO.: 10/065,307
ISSUE DATE : October 25, 2005
INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

10. The chest vibrating device of claim 9, wherein said vibrating unit further comprises housing rails;
wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and
wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.
11. The chest vibrating device of claim 7, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
12. The chest vibrating device of claim 11, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
13. The chest vibrating device of claim 7, wherein said one or more chest pads is one piece and configured to fit a male user.
14. The chest vibrating device of claim 7, wherein said one or more chest pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.
15. The chest vibrating device of claim 7, wherein the at least one back pad comprises two back pads; and
wherein said back pads are attached to an inside of said rear halves of said left and right arms.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 6,958,047
APPLICATION NO.: 10/065,307
ISSUE DATE : October 25, 2005
INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

16. The chest vibrating device of claim 15, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.
17. The chest vibrating device of claim 8, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
18. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms; and
wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
19. The chest vibrating device of claim 18, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
20. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
21. The chest vibrating device of claim 18, wherein the at least one back pad comprises two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.
22. The chest vibrating device of claim 18, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

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PATENT NO. : 6,958,047
APPLICATION NO.: 10/065,307
ISSUE DATE : October 25, 2005
INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

23. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor; wherein the at least one back pad comprises two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further comprising:

at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

24. The chest vibrating device of claim 8, further comprising:

at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.

25. The chest vibrating device of claim 8, further comprising:

a shoulder pad support extending toward the user from said left arm;
a shoulder pad support extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.

26. A method of loosening obstructions in the lungs or air way of a user, comprising:

providing the chest vibrating device of claim 1;
positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;
producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in the lungs or air way of the user.

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